

03600085 CARTERS CREEK AT PETTY LANE NEAR CARTERS CREEK, TN

LOCATION.--Lat 35°43'39", long 86°59'19", Maury County, Hydrologic Unit 06040003, at bridge on Petty Lane, 0.8 mile north of Carters Creek, and at mile 4.7.

DRAINAGE AREA.--16.6 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1986 to current year

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover-able, ug/L (01007)	
NOV 24...	1000	80020	59	748	10.4	96	7.0	282	11.0	K8,600	K14,000	E1	20.2	
MAR 03...	0930	80020	76	755	11.8	108	7.9	319	11.0	650	--	<2	13.2	
MAY 26...	0930	80020	6.1	745	7.4	85	7.4	381	21.0	510	430	<2	19.5	
JUL 27...	0920	80020	1.1	751	6.7	76	7.6	403	21.0	--	1,000	<2	21.1	
Date		Chromium, water, unfltrd recover-able, ug/L (01034)	Copper, water, unfltrd recover-able, ug/L (01042)	Cyanide water unfltrd mg/L (00720)	Lead, water, unfltrd recover-able, ug/L (01051)	Mercury water, unfltrd recover-able, ug/L (71900)	Nickel, water, unfltrd recover-able, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)	Oil and grease, water, unfltrd freon extract ug/L (00556)	1,2-Di-phenyl-hydra-zine, water, unfltrd ug/L (82626)	2,4,6-Tri-chloro-phenol, water, unfltrd ug/L (34621)	
NOV 24...	E.2	<.8	2.0	<.01	E.9	E.02	2.8	<3	<.3	12	<7	<2	<.1	
MAR 03...	<.2	<.8	1.6	<.01	<.1.0	<.02	<.2.0	<3	<.3	<4	<7	--	--	
MAY 26...	<.2	E.6	<.1.2	<.01	<.1.0	<.02	<.2.0	<3	<.3	E2	<7	<2	<.1	
JUL 27...	<.2	<.8	2.5	<.01	<.1.0	<.02	<.2.0	<3	<.3	E2	<7	--	--	
Date		2,4-Di-chloro-phenol, water, unfltrd ug/L (34601)	2,4-Di-methyl-phenol, water, unfltrd ug/L (34606)	2,4-Di-nitro-phenol, water, unfltrd ug/L (34616)	2,4-Di-nitro-toluene water unfltrd ug/L (34611)	2,6-Di-nitro-toluene water unfltrd ug/L (34626)	2-Chloro-naphth-alene, water, unfltrd ug/L (34581)	2-Chloro-phenol, water, unfltrd ug/L (34586)	2-Methyl-4,6-di-nitro-phenol, wat unf ug/L (34657)	2-Nitro-phenol, water, unfltrd ug/L (34591)	3,3-Di-chloro-benzi-dine, water, unfltrd ug/L (34631)	4-Bromo-phenyl phenyl ether, wat unf ug/L (34636)	4-Chloro-3-methyl-phenol, wat unf ug/L (34452)	4-Chloro-phenyl phenyl ether, wat unf ug/L (34641)
NOV 24...	<.2	<.2.0	<.3	<.1	<.2	<.1	<.1	<.2	<.1	<.9	<.2	<.2	<.1	
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--	
MAY 26...	<.2	<.2.0	<.3	<.1	<.2	<.1	<.1	<.2	<.1	<.9	<.2	<.2	<.1	
JUL 27...	--	--	--	--	--	--	--	--	--	--	--	--	--	
Date		4-Nitro-phenol, water, unfltrd ug/L (34646)	9H-Fluore-ne, water, unfltrd ug/L (34381)	Ace-naphth-ene, water, unfltrd ug/L (34205)	Ace-naphth-ylene, water, unfltrd ug/L (34200)	Anthra-cene, water, unfltrd ug/L (34220)	Benzi-dine, water, unfltrd ug/L (39120)	Benzo-[a]-anthra-cene, water, unfltrd ug/L (34526)	Benzo-[a]-pyrene, water, unfltrd ug/L (34247)	Benzo-[b]-fluor-anthene water unfltrd ug/L (34230)	Benzo-[g,h,i]-per-ylene, water, unfltrd ug/L (34521)	Benzo-[k]-fluor-anthene water unfltrd ug/L (34242)	Benzy-l n-butyl-phthal-ate, water, unfltrd ug/L (34292)	Bis(2-chloro-ethoxy) methane water unfltrd ug/L (34278)
NOV 24...	<.2	<.1	<.2	<.2	<.2	<.1,000	<.2	<.1	<.2	<.2	<.2	<.1	<.2	<.1
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 26...	<.2	<.1	<.2	<.2	<.2	<.1,000	<.2	<.1	<.2	<.2	<.2	<.1	<.2	<.1
JUL 27...	--	--	--	--	--	--	--	--	--	--	--	--	--	--

E--Estimated  
K--Results based on non-ideal colony count.

03600085 CARTERS CREEK AT PETTY LANE NEAR CARTERS CREEK, TN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Bis(2-chloro-ethyl) ether, water, unfltrd ug/L (34273)	Bis(2-chloro-isopropyl) ether, wat unfltrd ug/L (34283)	Bis(2-ethylhexyl) phthalate, wat unfltrd ug/L (39100)	Chrysene, water, unfltrd ug/L (34320)	Di-benzo-[a,h]-anthracene, wat unfltrd ug/L (34556)	Di-ethyl phthalate, water, unfltrd ug/L (34336)	Di-methyl phthalate, water, unfltrd ug/L (34341)	Di-n-butyl phthalate, water, unfltrd ug/L (39110)	Di-n-octyl phthalate, water, unfltrd ug/L (34596)	Fluoranthene, water unfltrd ug/L (34376)	Hexachlorobenzene, water unfltrd ug/L (39700)	Hexachlorocyclopentadiene, wat unfltrd ug/L (34386)	Indeno-[1,2,3-cd]-pyrene, water, unfltrd ug/L (34403)
NOV 24...	<1	<1	<2	<1	<2	<2	<1	<2	<2	<1	<1	<1	<2
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 26...	<1	<1	<2	<1	<2	<2	<1	<2	<2	<1	<1	<1	<2
JUL 27...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Iso-phorone water unfltrd ug/L (34408)	Nitrobenzene water unfltrd ug/L (34447)	N-Nitrosodimethylamine, wat unfltrd ug/L (34438)	N-Nitrosodipropylamine, wat unfltrd ug/L (34428)	N-Nitrosodiphenylamine, wat unfltrd ug/L (34433)	Pentachlorophenol, water, unfltrd ug/L (39032)	Phenanthrene, water, unfltrd ug/L (34461)	1,2,4-Trichlorobenzene, water unfltrd ug/L (34551)	1,2-Dichlorobenzene, water unfltrd ug/L (34536)	1,3-Dichlorobenzene, water unfltrd ug/L (34566)	1,4-Dichlorobenzene, water unfltrd ug/L (34571)	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)
NOV 24...	<2	<1	<2	<2	<2	<2	<1	<1	<2	<1	<1	<1	<2
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 26...	<2	<1	<2	<2	<2	<2	<1	<1	<2	<1	<1	<1	<2
JUL 27...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Naphthalene, water, unfltrd ug/L (34696)	Suspnd. sediment, sieve diameter <.063mm percent (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
NOV 24...	<2	94	28	4.5
MAR 03...	--	87	10	2.1
MAY 26...	<2	83	6	.10
JUL 27...	--	93	4	.01